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### Subpart A—General Provisions

#### § 129.100 General.

This part contains requirements for the design, construction, and installation of electrical equipment and systems including power sources, lighting, motors, miscellaneous equipment, and safety systems.

#### § 129.110 Applicability.

(a) Except as specifically provided in this part, electrical installations on OSVs of 100 or more gross tons must comply with subchapter J of this chapter.

(b) Electrical installations on OSVs of less than 100 gross tons must meet the—

(1) Requirements of paragraph (a) of this section for vessels of 100 or more gross tons; or

(2) Applicable requirements of this part.

#### § 129.120 Alternative standards.

(a) An OSV of 65 feet in length or less may meet the following requirements of the American Yacht and Boat Council Projects, where applicable, instead of § 129.340 of this part:

(1) E-1, Bonding of Direct Current Systems.

(2) E-8, AC Electrical System on Boats.

(3) E-9, DC Electrical Systems on Boats.

(b) An OSV with an electrical installation operating at a potential of less than 50 volts may comply with § 183.430 of this chapter instead of § 129.340 of this part.

### Subpart B—General Requirements

#### § 129.200 Design, installation, and maintenance.

Electrical equipment on an OSV must be designed, installed, and maintained to—

(a) Provide services necessary for safety under normal and emergency conditions;

(b) Protect crew members, offshore workers, and the OSV from electrical hazards, including fire, caused by or originating in electrical equipment and electrical shock;